	Application No.	Applicant(s)
Notice of Allowability	10/666,748	PLENZLER ET AL.
	Examiner	Art Unit
	Ching Chang	3748
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS (O herewith (or previously mailed), a Notice of Allowance (PTOL-85) or NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGI of the Office or upon petition by the applicant. See 37 CFR 1.313 and	OR REMAINS) CLOSED in the rother appropriate comm HTS. This application is:	n this application. If not included unication will be mailed in due course. THIS
1. This communication is responsive to		
2. ☑ The allowed claim(s) is/are <u>1-11</u> .		
3. $igotimes$ The drawings filed on <u>18 September 2003</u> are accepted by th	ne Examiner.	
 4. Acknowledgment is made of a claim for foreign priority under a) All b) Some* c) None of the: 1. Certified copies of the priority documents have be 2. Certified copies of the priority documents have be 	een received.	•
3. Copies of the certified copies of the priority docur	· ·	
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONMENTHIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be submitted INFORMAL PATENT APPLICATION (PTO-152) which gives to the contract of the		
6. CORRECTED DRAWINGS (as "replacement sheets") must b	e submitted.	
(a) ☐ including changes required by the Notice of Draftsperson	's Patent Drawing Review	v (PTO-948) attached
1) hereto or 2) to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's A Paper No./Mail Date	mendment / Comment or	in the Office action of
Identifying indicia such as the application number (see 37 CFR 1.84 each sheet. Replacement sheet(s) should be labeled as such in the		
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT FO 		
Attachment(s) I. ⊠ Notice of References Cited (PTO-892)	5 Notice of In	formal Patent Application (PTO-152)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	<u> </u>	ummary (PTO-413),
B. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),	Paper No./	/Mail Date Amendment/Comment
Paper No./Mail Date I. ☐ Examiner's Comment Regarding Requirement for Deposit	8. ⊠ Examiner's	Statement of Reasons for Allowance
of Biological Material	9.	

Art Unit: 3748

DETAILED ACTION

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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

IN THE SPECIFICATION:

- - September 18 -- has been added after " on " in Paragraph 006, Page 2.
- -- 10/666,745 -- has been added before " (GP-302777) in Paragraph
 006, Page 2.
- -- 10/666,864 -- has been added before " (GP-303043) in Paragraph 006, Page 2.
- -- 10/667,233 -- has been added before " (GP-303044) in Paragraph 006, Page 2.
- "82" after "pressure increasing valve "in Paragraph 0031, Page 7 has been replaced by -- 86 --.

Art Unit: 3748

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Reasons For Allowance

3. The following is an examiner's statement of reasons for allowance:

Regarding claim 1, the claimed combination including the limitations directed to the specifics of a lubrication system for an engine comprising a first pressure increasing valve connected between an oil pump and a main bearing gallery and operative to selectively limit flow to the main bearing gallery and raise oil pressure supplied to a cam phaser to a desired operating level greater than the oil pressure supplied to the main bearing gallery; a second pressure increasing valve connected between the main bearing gallery and a cam gallery and operative to selectively limit oil flow to the cam gallery and raise oil pressure supplied to the main bearing gallery and the cam phaser to a desired operating level greater than the oil pressure supplied to the cam gallery, is not disclosed or rendered obvious the art of record.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

 The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Art Unit: 3748

Wu (US Patent 5,964,198).

- Nakamura et al. (US Patent 5,220,891).
- Hirose (US Patent 5,143,034).
- Saito (US Patent Re. 35,382).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ching Chang whose telephone number is (703)306-3478. The examiner can normally be reached on M-Th, 7:00 AM -5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Denion can be reached on (703)308-2623. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Art Unit: 3748

Patent Examiner

Ming Chang

Ching Chang

THOMAS DENION
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700